

Filed on 2-5-04

INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC381-US-D2	Serial No.: Unassigned 101773,387
Applicant: David A. Estell	
Filing Date: Filed Herewith	Group: Unassigned 1656
Page 1 of 3	Date of this Submission: February 5, 2004

US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
DJS	*4,816,567	3/28/89	Cabilly et al.	530	387	4/8/83
	*4,386,241	12/28/82	Tom et al.	435	7	8/7/80
	*4,275,149	6/23/81	Litman et al.	435	7	11/24/78
	*4,277,437	7/7/81	Maggio	422	61	12/10/79
	*3,996,345	12/7/76	Ullman et al.	424	12	6/30/75
	*3,939,350	2/17/76	Kronick et al.	250	365	4/29/74
	*3,850,752	11/26/74	Schuurs et al.	195	103.5	10/29/71
	*3,817,837	6/18/74	Rubenstein et al.	195	103.5	11/6/72
	*4,533,359	8/6/85	Kondo et al.	8	128	11/5/82
	*5,204,015	4/20/93	Caldwell et al.	252	174.12	10/9/92
	*4,261,868	4/14/81	Hora et al.	252	529	8/8/79
	*5,585,253	12/17/96	Doi et al.	435	172.3	11/27/89
	*4,404,128	9/13/83	Anderson	252	546	5/29/81
	*5,264,366	11/23/93	Ferrari et al.	435	252.31	11/25/91
	*5,612,055	11/18/97	Bedford et al.	424	442	8/16/95
	*5,147,642	9/15/92	Lotz et al.	424	94.61	12/5/89
	*5,314,692	5/24/94	Haarasilta et al.	424	94.2	5/2/91

FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
DJS	*WO 95/14099	5/26/95	PCT			
	*WO 95/10615	4/20/95	PCT			
	*WO 89/10976	11/16/89	PCT			
	*WO 88/08623	9/7/88	PCT			
	*0 369 817 B1	4/24/96	EP			
	*0 134 267 B1	8/2/89	EP			
	*0 344 250	5/12/93	EP			
	*216034	4/82	RD			

OTHER DOCUMENTS

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
	Ausubel et al., Current Protocols in Molecular Biology, John Wiley & Sons, Inc., Vol. 1, Ch. 2 and 8, 1987.
DJS	*Bakhiet et al., "Studies on Transfection and Transformation of Protoplasts of <i>Bacillus larvae</i> , <i>Bacillus subtilis</i> , and <i>Bacillus popilliae</i> ," Applied and Environmental Microbiology, vol. 49, no. 3, pp. 577-581, March, 1985.
Examiner	/David Steadman/
Date Considered	09/25/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449

**INFORMATION DISCLOSURE CITATION**

Attorney Docket No.: GC381-US-02	Serial No.: Unassigned 10/773,387
Applicant: David A. Estell	
Filing Date: Filed Herewith	Group: Unassigned 1656
Page 2 of 3	Date of this Submission: February 5, 2004

**OTHER DOCUMENTS**

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
DJS	*Benton et al., "Steering Agt Recombinant Clones by Hybridization to Single Plaques in situ," Science, vol. 198, no. 4286, pp. 180-182, April 8, 1977.
DJS	*Bergmeyer et al., "Pepsidases, Proteinases, and Their Inhibitors," Methods of Enzymatic Analysis, Verlag Chem, Weinheim, vol. 5, 1984
	<del>*Bergmeyer and Kimmel, "Guide to Molecular Cloning Techniques," Methods in Enzymology, Academic Press, San Diego, CA, vol. 132, 1987.</del>
DJS	*Chang et al., "High Frequency Transformation of <i>Bacillus subtilis</i> Protoplasts by Plasmid DNA," Molec. Gen. Genet., vol. 168, pp. 111-115, 1979.
DJS	*Contente et al., "Marker Rescue Transformation by Linear Plasmid DNA in <i>Bacillus subtilis</i> ," Plasmid, vol. 2, pp. 555-571, 1979.
	<del>*Coombs, J., Dictionary of Biotechnology, Stockton Press, New York, N.Y., 1994.</del>
	<del>*Dienbach et al., PCR Primer, a Laboratory Manual, Cold Springs Harbor Press, Plainview, N.Y., 1995.</del>
DJS	*Fischer et al., "Introduction of plasmid pC194 into <i>Bacillus thuringiensis</i> by Protoplast transformation and plasmid transfer," Arch. of Microbiol., vol. 139, pp. 213-217, 1984.
	<del>*Glover, D. M. ed., DNA Cloning, A Practical Approach, IRL Press, Ltd., Oxford, U.K., vol. 1, II.</del>
DJS	*Grunstein et al., "Colony hybridization: A method for the isolation of cloned DNAs that contain a specific gene," Proc. Nat. Acad. Sci. USA, vol. 72, no. 10, pp. 3961-3965, October, 1975.
DJS	*Haima, Peter et al., "Novel plasmid marker rescue transformation system for molecular cloning in <i>Bacillus subtilis</i> enabling direct selection of recombinants," Mol. Gen. Genet., vol. 223, pp. 185-191, 1990.
	<del>*Hampton, R. et al., Sanitological Methods, a Laboratory Manual, APC Press, St. Paul, MN, 1988.</del>
	<del>*Harwood et al., Molecular Biological Methods for Bacillus, John Wiley &amp; Sons, 1990.</del>
	<del>*Harwood et al., Biotechnology Handbooks, Bacillus, Vol. 2, Plenum Press, New York, 1989.</del>
DJS	*Holubova et al., "Transfer of Liposome-Encapsulated Plasmid DNA to <i>Bacillus subtilis</i> Protoplasts and Calcium-Treated <i>Escherichia coli</i> Cells," Folia Microbiol., vol. 30, pp. 97-100, 1985.
	*Kroll et al., "A Multifunctional Prokaryotic Protein Expression System: Overproduction, Affinity Purification, and Selective Detection," DNA and Cell Biology, vol. 12, no. 5, pp. 441-453, 1993.
	*Kunst, F. et al., "The complete genome sequence of the Gram-positive bacterium <i>Bacillus subtilis</i> ," Nature, vol. 390, pp. 249-264, November 20, 1997
	*Maddox et al., "Elevated Serum Levels in Human Pregnancy of a Molecule Immunochemically Similar to Eosinophil Granule Major Basic Protein," J. Exp. Med., vol. 158, pp. 1211-1226, October, 1983.
	*Mann et al., "Transformation of <i>Bacillus spp.</i> : an Examination of the Transformation of <i>Bacillus</i> Protoplasts by Plasmids pUB110 and pHV33," Current Microbiology, vol. 13, pp. 191-195, 1986.
	*Margot, Philippe et al., "The <i>wprA</i> gene of <i>Bacillus subtilis</i> 168, expressed during exponential growth, encodes a cell-wall-associated protease," Microbiology, vol. 142, pp. 3437-3444, 1998.
	*Margot, Philippe et al., "The gene of the N-acetylglucosaminidase, a <i>Bacillus subtilis</i> 168 cell wall hydrolase not involved in vegetative cell autolysis," Mol. Microbiology, vol. 12, pp. 535-545, 1994.
	*McDonald et al., "Plasmid Transformation of <i>Bacillus sphaericus</i> 1593," Journal of General Microbiology, vol. 130, pp. 203-208, 1984.
	*Murray et al., "Codon usage in plant genes," Nucleic Acids Research, vol. 17, no. 2, pp. 477-498, 1989.
DJS	*Porath, Jerker "Immobilized Metal Ion Affinity Chromatography," Protein Expression and Purification, vol. 3, pp. 263-281, 1992.
	<del>*Sambrook, J. et al., Molecular Cloning, A Laboratory Manual, 2<sup>nd</sup> ed. Cold Spring Harbor Laboratory Press, 1989</del>
DJS	*Sadaie et al., "Nucleotide sequence and analysis of the <i>phoB-rmE-groESL</i> region of the <i>Bacillus subtilis</i> chromosome," Microbiology, vol. 143, pp. 1861-1866, 1997.
	*Smith, Michael et al., "Protoplast Transformation in Coryneform Bacteria and Introduction of an $\alpha$ -Amylase Gene from <i>Bacillus amyloliquefaciens</i> into <i>Brevibacterium lactofermentum</i> ," Applied and Environmental Microbiology, vol. 51, no. 3, pp. 634-639, March, 1986
	*Vorobjeva, I.P. et al., "Transformation of <i>Bacillus Megaterium</i> Protoplasts by Plasmid DNA," FEMS Microbiology Letters 7, pp. 261-263, 1980.
Examiner	/David Steadman/
	Date Considered 09/25/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 808; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449

### INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC381-JS-D2	Serial No.: Unassigned 10/773,387
Applicant: David A. Estell	
Filing Date: Filed Herewith	Group: Unassigned 1656
Page <u>3</u> of <u>3</u>	Date of this Submission: February 5, 2004

## OTHER DOCUMENTS

[illegible]

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. PTO-1449

PTO-1448